IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT application(s) assigned to:

Assignee: University of Southampton

Address: Highfield, Southampton S017 1BJ

UNITED KINGDOM

GENERAL POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST (REVOCATION OF PRIOR POWERS AND EXCLUSION OF INVENTIVE ENTITY)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

The above assignee (hereinafter "Assignee") hereby revokes all powers of attorney previously given and hereby appoints the attorneys of Renner, Otto, Boisselle & Sklar, LLP associated with

Customer No. 23908

to prosecute and transact all business in the Patent and Trademark Office connected with U.S. patent applications assigned to Assignee and to the exclusion of the Inventive entity or any prior assignees.

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent), will be filled in each application to which this power of attorney applies.

Please direct all telephone calls and emails to:

Don W. Bulson, Esq. Tel: 216-621-1113 Fax: 216-621-6165 Email; dbulson@rennerotto.com

Assignee hereby authorizes the aforesald attorneys to accept and follow instructions from our authorized representative, D Young & Co, Briton House, Britino Street, Southempton SO14 3EB, UNITED KINGSOM, as to any actions to be taken in the Patient and Trademark Office regarding any application of the Assignee In which this form is filed. In the event of a change in the firm or person(s) from whom instructions may be taken, the aforesaid attorneys will be so notified by Assignee.

University of Southampton

Title:

MIDIDYOUGIGO100iGeneral Power of Atomay for Southampton University wpd; POW-AS

Mylène Ployaert Assistant Director U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)		
Applicant/Patent Owner: Pier John Anthony Sazio et al.		
Application No./Patent No./Control No.: 10/595,323	Filed/Issue Date: April 7, 2006	
Entitled FABRICATION OF METAMATERIALS		
University of Southampton		
(Name of Assignee) states that it is:	(Type of Assignee: corporation, partnership, university, government agency, etc.)	
: [] an assignee of less than the entire right, title and interest (The extent (by percentage) of its ownership interest is%)		
in the patent application/patent identified above by virtue of either	er:	
A A assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel, Frame, or a true copy of the original assignment is attached. OR		
B A chain of title from the inventor(s), of the patent applicati	on/patent identified above, to the current assignee as follows:	
From:	Patent and Trademark Office at	
2 From: To: The document was recorded in the United States F Reel , Frame	Patent and Trademark Office at	
3 From:To:		
The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.		
Additional documents in the chain of title are listed on	a supplemental sheet.	
As required by 37 CFR 3.73(b)(1)(i), the documentary eviden assignee was, or concurrently is being, submitted for reco- [NOTE: A separate copy (i.e., a true copy of the original ass Division in accordance with 37 CFR Part 3, to record the 302.08]	dation pursuant to 37 CFR 3.11.	
The undersigned (whose title is supplied below) is authorized to	act on behalf of the assignee.	
/Don_W. Bulson/	March 22, 2007	
Signature	Date	
Don W. Bulson	216-621-113	
Printed or Typed Name	Telephone Number	
Applicant's Attorney Trile		

This solicition of information is equired by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the LSFTR 0 process) an explication. Confidentially by governed by 35 LSC. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including pathering, required to complete in formation of the complete, including pathering, required to complete his form and/or supporting for reading this flatter, and that the section of the complete complete his formation of the complete complete in the complete complet

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

NAME(S) AND ADDRESS(ES) OF INVENTOR(S)

Pier John Anthony Sazio c/o Centre for Enterprise & Innovation University of Southampton Highfield, Southampton SO17 1BJ United Kingdom

Dan William Hewak c/o Centre for Enterprise & Innovation University of Southampton Highfield, Southampton SO17 1BJ United Kingdom John Victor Badding c/o Centre for Enterprise & Innovation University of Southampton Highfield, Southampton SO17 1BJ United Kingdom

Steven Melvyn Howdle c/o Centre for Enterprise & Innovation University of Southampton Highfield, Southampton SO17 1BJ United Kingdom

(hereinafter referred to as ASSIGNOR), have invented a certain invention entitled:

TITLE OF FABRICATION OF METAMATERIALS

for which application for Letters Patent of the United States has been: [authorization is hereby given for any attorney of record in the subject patent application in brish tellow the application number and filing data information for this application when that information becomes available

PARTICULARS O

1	executed concurrently herewith,	
;;	filed under LLS Application No.	on
ίχi	filed under PCT Application No.	PCT/GB2004/004268 on October 8, 2004 , c
n	filed under Express Mall Label N	oon

WHEREAS:

NAME, STATE OF INCORPORATION AND ADDRESS OF ASSIGNEE

UNIVERSITY OF SOUTHAMPTON Highfield, Southampton Hampshire SO17 1BJ

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor.

Now, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its successors and assigns, the entire right, title and interest to said invention so far as concerns the United States and the Territories and Possessions thereof, including the right to claim priority, and said application and all Letters Patent of the United States to be obtained on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

FULL NAME(S) OF INVENTORS(S)	Date 12th June 2006	Pier John Anthony Sazlo
	Date	John Victor Badding
	Date	Dan William Hewak
	Date	Steven Melvyn Howdle

M:D/D/OUP/P0313/P0313US.ASSN.wpd (A-OUS-4.A4) (1/99)

Attorney Docket No. DYOUP0313US

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

NAME(S) AND ADDRESS(ES) OF INVENTOR(S) Pier John Anthony Sazio c/o Centre for Enterprise & Innovation University of Southampton Highfield, Southampton SO17 1BJ

United Kingdom

Dan William Hewak c/o Centre for Enterprise & Innovation University of Southampton Highfield, Southampton SO17 1BJ United Kingdom

Ui Si Sion c/

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PARTICULARS OF

WHEREAS:

UNITED KINGDOM

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ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale. ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, sald invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

FULL NAME(S) OF INVENTORS(S)	Date	Pler John Anthony Sazio
	Date	John Victor Badding
	Date_31/05/06	Dan William Hewak
	Date	Steven Melvyn Howdle

M:000YOUP!P0313!P0313US.ASSN.wpd (A-OUS-4.A4) (1/99)

Attorney Docket No. DYOUP0313US

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WHEREAS:

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United Kingdom Dan William Hewak

c/o Centre for Enterprise & Innovation University of Southampton Highfield, Southampton SO17 1BJ United Kingdom

John Victor Badding c/o Centre for Enterprise & Innovation University of Southampton Highfield, Southampton SO17 1BJ United Kingdom

Steven Metvyn Howdle c/o Centre for Enterprise & Innovation University of Southampton Highfield, Southampton SO17 1BJ United Kingdom

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- [] executed concurrently herewith, [] filed under Express Mail Label No. _
- [7] filed under U.S. Application No. on on [X] filed under PCT Application No. PCT/GR2004/004268 on October 8, 2004

WHEREAS:

UNIVERSITY OF SOUTHAMPTON Highfield, Southempton Hampshire SO17 1BJ UNITED KINGDOM

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AL NAME(8) OF IVENTORS(5)	Date	Pier John Anthony Sazio
	Date	John Victor Badding
	Date	Dan William Hewak
	Date8/03/07	Steven Melvyn Howdle

M.WWWYOUPPOSTSIPISSTEUS ASSN. wpd (A-DUS-4,A4) (1999)

Attorney Docket No. DYOUP0313US

ASSIGNMENT OF APPLICATION FOR PATENT

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Steven Melvyn Howdie c/o Centre for Enterprise & Innovation University of Southampton Highfield, Southampton SO17 1BJ United Kingdom

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FULL NAME(S) OF	Date	
INVENTORS(S)	Date	Pier John Anthony Sazio
	Date 7/5/06	Ala Ball
		John dictor Badding
	Date	<u> </u>
		Dan William Hewak
	Date	
		Steven Melvyn Howdle